

American Petroleum Institute
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Washington, DC 20005

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Weekly
Statistical
Bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

Vol: 75 No: 4

For Week Ending: January 28, 1994

SUMMARY

(In Thousands of 42-gallon barrels per day, except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data received from reporting companies)

	Current Week Ending: 01/28/94	Last Week Ending: 01/21/94	Last Year Week Ending: 01/29/93	Change from Last Week	Change from Last Year
REFINERY OPERATIONS					
Input to Crude Distillation	13,251	13,627	13,268	-376	-17
Operable Capacity	15,145	15,145	15,552	0	-407
Percent Operated	87.5	90.0	85.3		
MOTOR GASOLINE					
Total Motor Gasoline Production	6,735	7,134	7,188	-399	-453
Total Motor Gasoline Stocks	233,401	230,182	234,071	3,219	-670
Total Finished Gasoline Stocks	189,734	187,832	192,162	1,902	-2,428
Blending Components Stocks	43,667	42,350	41,909	1,317	1,758
JET KEROSENE					
Total Jet Kerosine Production	1,418	1,337	1,376	81	42
Total Jet Kerosine Stocks	38,038	38,406	37,669	-368	369
DISTILLATE FUEL OIL					
Total Distillate Production	3,094	3,119	2,912	-25	182
Total Distillate Stocks	121,550	128,897	133,265	-7,347	-11,715
RESIDUAL FUEL OIL					
Total Residual Fuel Production	775	780	816	-5	-41
Total Residual Fuel Stocks	44,315	45,919	45,110	-1,604	-795
IMPORTS					
Crude Oil Imports	5,929	5,407	6,666	522	-737
Product Imports	1,995	1,483	1,347	512	648
CRUDE OIL STOCKS	330,424	328,710	326,785	1,714	3,639
CRUDE SUPPLY BALANCE	534				

See Definitional Notes on Page 6.

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U.S. REFINERY OPERATIONS
(Daily Averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Processing Units	Input to Crude Oil Distillation Units	Operable Capacity	Percent Operated
East Coast	1,260	1,082	1,098	1,442	76.1
Appal. No. 1	111	105	105	109	96.3
PADD 1 TOTAL	1,371	1,187	1,203	1,551	77.6
Week Ago	1,465	1,281	1,315	1,551	84.8
Year Ago	1,705	1,306	1,316	1,544	85.2
IN, IL, KY	1,995	1,813	1,891	2,327	81.3
MN, WI, ND, SD	395	386	386	368	104.9
OK, KS, MO	642	602	605	726	83.3
PADD 2 TOTAL	3,032	2,801	2,882	3,421	84.2
Week Ago	3,115	3,005	3,077	3,421	89.9
Year Ago	3,121	2,953	3,048	3,356	90.8
Inland TX	504	487	487	530	91.9
TX Gulf Coast	3,433	2,937	2,991	3,231	92.6
LA Gulf Coast	2,475	2,343	2,386	2,646	90.2
N. LA and AR	207	195	195	256	76.2
NM	94	94	94	95	98.9
PADD 3 TOTAL	6,713	6,056	6,153	6,758	91.0
Week Ago	6,874	6,092	6,267	6,758	92.7
Year Ago	6,404	5,925	5,990	7,173	83.5
PADD 4 TOTAL	482	449	452	519	87.1
Week Ago	485	450	455	519	87.7
Year Ago	453	417	422	514	82.1
PADD 5 TOTAL	2,633	2,525	2,561	2,896	88.4
Week Ago	2,669	2,464	2,513	2,896	86.8
Year Ago	2,517	2,418	2,492	2,965	84.0
U.S. TOTAL	14,231	13,018	13,251	15,145	87.5
Week Ago	14,608	13,292	13,627	15,145	90.0
Year Ago	14,200	13,019	13,268	15,552	85.3

U.S. REFINERY OUTPUT
(Daily Averages in thousands of 42-gallon barrels)

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DISTRICT	Finished Motor Gasoline				Naphtha Jet Fuel	Kerosine Jet Fuel			Distillate Fuel			Residual Fuel
	Total	Finished Oxygen'd	Finished Reform'd	Other Finished		Total	Commerc'l Spec	Military Spec	Total	<=.05% sulfur	>.05% sulfur	
East Coast	739	288	—	451	6	86	86	—	332	96	236	134
Appal. No. 1	35	—	—	35	—	—	—	—	28	18	10	4
PADD 1 TOTAL	774	288	—	486	6	86	86	—	360	114	246	138
Week Ago	745	291	—	454	—	84	82	2	327	126	201	131
Year Ago	922	na	na	na	8	88	na	na	402	na	na	104
IN, IL, KY	1,093	424	—	669	4	101	99	2	430	201	229	63
MN, WI, ND, SD	192	91	—	101	—	21	21	—	107	16	91	3
OK, KS, MO	345	160	—	185	9	47	47	—	161	87	74	5
PADD 2 TOTAL	1,630	675	—	955	13	169	167	2	698	304	394	71
Week Ago	1,713	702	—	1,011	13	188	187	1	736	361	375	99
Year Ago	1,667	na	na	na	10	232	na	na	724	na	na	79
Inland TX	288	10	—	278	7	44	33	11	127	106	21	13
TX Gulf Coast	1,318	215	—	1,103	8	368	333	35	694	379	315	189
LA Gulf Coast	1,166	106	—	1,060	16	340	322	18	586	155	431	88
N. LA and AR	51	—	—	51	5	6	6	—	47	16	31	10
NM	60	4	—	56	—	9	—	9	43	43	—	1
PADD 3 TOTAL	2,883	335	—	2,548	36	767	694	73	1,497	699	798	301
Week Ago	3,237	494	—	2,743	52	637	602	35	1,474	667	807	266
Year Ago	3,246	na	na	na	94	657	na	na	1,306	na	na	354
PADD 4 TOTAL	244	59	—	185	8	21	21	—	135	86	49	9
Week Ago	224	41	—	183	11	21	21	—	132	95	37	12
Year Ago	255	na	na	na	12	27	na	na	120	na	na	23
PADD 5 TOTAL	1,204	457	—	747	—	375	346	29	404	219	185	256
Week Ago	1,215	474	—	741	—	407	374	33	450	228	222	272
Year Ago	1,098	na	na	na	25	372	na	na	360	na	na	256
U.S. TOTAL	6,735	1,814	—	4,921	63	1,418	1,314	104	3,094	1,422	1,672	775
Week Ago	7,134	2,002	—	5,132	76	1,337	1,266	71	3,119	1,477	1,642	780
Year Ago	7,188	na	na	na	149	1,376	na	na	2,912	na	na	816

See Definitional Notes on Page 6.

STOCKS OF SELECTED PRODUCTS

(in thousands of 42-gallon barrels)

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DISTRICT	Motor Gasoline										Jet Fuel		Distillate Fuel			Residual Fuel	Unfinished Oils
	Finished Motor Gasoline						Blending Components	Naphtha Type	Kerosine Type	Total	Sulfur <=.05%	Sulfur > .05%					
	Total	Finished		Reform'd	Other	Finished											
		Oxygen'd	Finished														
New England	5,044	5,031	852	—	4,179	13	64	335	8,502	1,846	6,656	953	—				
Central Atlantic	36,412	30,487	9,258	—	21,229	5,925	79	3,554	24,718	6,514	18,204	12,329	8,611				
Lower Atlantic	23,385	23,114	4,251	—	18,863	271	189	4,204	12,982	6,141	6,841	2,334	530				
PADD 1 TOTAL	64,841	58,632	14,361	—	44,271	6,209	332	8,093	46,202	14,501	31,701	15,616	9,141				
Week Ago	65,096	59,390	14,750	—	44,640	5,706	393	9,063	51,070	15,829	35,241	17,608	9,246				
Year Ago	66,290	60,203	na	na	na	6,087	323	10,465	63,531	na	na	18,980	11,184				
PADD 2 TOTAL	59,336	50,627	861	—	49,766	8,709	830	6,666	32,499	20,234	12,265	3,181	15,315				
Week Ago	57,937	49,811	834	—	48,977	8,126	793	7,861	34,017	21,600	12,417	3,281	14,997				
Year Ago	63,010	53,998	na	na	na	9,012	1,000	7,911	30,589	na	na	2,235	13,951				
PADD 3 TOTAL	66,083	49,502	5,877	—	43,625	16,581	1,169	14,983	28,330	10,027	18,303	17,125	46,426				
Week Ago	65,515	48,291	5,228	—	43,063	17,224	1,252	13,106	29,602	12,360	17,242	17,049	45,702				
Year Ago	64,326	47,207	na	na	na	17,119	1,868	13,254	27,293	na	na	15,241	47,790				
PADD 4 TOTAL	7,515	4,686	495	—	4,191	2,829	228	503	3,164	1,839	1,325	503	2,596				
Week Ago	7,561	4,722	556	—	4,166	2,839	211	526	3,252	1,979	1,273	539	2,696				
Year Ago	6,454	4,833	na	na	na	1,621	292	583	2,059	na	na	475	2,067				
PADD 5 TOTAL	35,626	26,287	8,731	—	17,556	9,339	101	7,793	11,355	7,333	4,022	7,890	23,471				
Week Ago	34,073	25,618	9,336	—	16,282	8,455	99	7,850	10,956	7,091	3,865	7,442	21,263				
Year Ago	33,991	25,921	na	na	na	8,070	1,287	5,456	9,793	na	na	8,179	22,235				
U.S. TOTAL	233,401	189,734	30,325	—	159,409	43,667	2,660	38,038	121,550	53,934	67,616	44,315	96,949				
Week Ago	230,182	187,832	30,704	—	157,128	42,350	2,748	38,406	128,897	58,859	70,038	45,919	93,904				
Year Ago	234,071	192,162	na	na	na	41,909	4,770	37,669	133,265	na	na	45,110	97,227				

See Definitional Notes on Page 6.

PRODUCTION AND IMPORTS OF CRUDE OIL (INCLUDING LEASE CONDENSATE)
(daily averages in thousands of 42-gallon barrels)

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DISTRICT	Estimated Crude Oil Production	Crude Oil Imports	
		Total	Canadian
PADDs 1-4			
Week Ended: January 28, 1994	4,295.0	5,652	881
Week Ended: January 21, 1994	4,295.0	5,129	819
Week Ended: January 14, 1994	4,295.0	5,556	751
Week Ended: January 29, 1993	4,365.0	6,321	694
DOE latest (09/93):	4,257.0		
PADD 5			
Week Ended: January 28, 1994	2,600.0	277	93
Week Ended: January 21, 1994	2,600.0	278	52
Week Ended: January 14, 1994	2,600.0	358	76
Week Ended: January 29, 1993	2,615.0	345	80
DOE latest (09/93):	2,424.0		
TOTAL U.S.			
Week Ended: January 28, 1994	6,895.0	5,929	974
Week Ended: January 21, 1994	6,895.0	5,407	871
Week Ended: January 14, 1994	6,895.0	5,914	827
Week Ended: January 29, 1993	6,980.0	6,666	774
DOE monthly - year ago	6,937.0		
DOE latest (09/93):	6,681.0		

CRUDE OIL STOCKS BY LOCATION
(in thousands of 42-gallon barrels)

	PADD 1	PADD 2	PADD 3	PADD 4	PADD 5		TOTAL
					TOTAL	ALASKAN IN TRANSIT BY WATER	
Current Week	14,006	80,934	150,595	10,883	74,006	19,850	330,424
Week Ago	12,845	80,308	152,394	11,038	72,125	17,326	328,710
Year Ago	13,959	68,162	161,082	10,910	72,672	15,336	326,785

Daily Average Crude Oil Supply Balance (in Thousands of 42-gallon barrels)	
Current Week:	534
1993 Average:	258
1993 Positive Average:	736
1993 Negative Average:	-597

See Definitional Notes on Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

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DISTRICT	Motor Gasoline				Blending Components	Jet Fuel		Distillate Fuel			Residual Fuel	LPGs	Unfinished Oils	Other	Total
	Total	Finished	Finished	Other		Naphtha	Kerosine	Total	Sulfur	Sulfur					
		Oxygen'd	Reform'd	Finished					<= .05%	> .05%					
New England	146	—	—	146	—	—	5	207	32	175	74	36	—	6	474
Central Atlantic	41	—	—	41	5	—	38	53	14	39	42	5	235	44	463
Lower Atlantic	30	—	—	30	—	26	22	15	—	15	131	—	—	11	235
PADD 1 TOTAL	217	—	—	217	5	26	65	275	46	229	247	41	235	61	1,172
week ago	158	—	—	158	14	—	93	71	17	54	327	40	65	80	848
4 Week averages															
avg - current 4 weeks	187	—	—	187	9	11	74	149	31	118	324	39	139	53	985
avg - year ago 4 weeks	171	na	na	na	14	3	76	192	na	na	353	32	121	68	1,030
PADDs 2-4 TOTAL	—	—	—	—	—	—	—	24	8	16	13	122	388	217	764
week ago	—	—	—	—	7	—	—	8	3	5	14	128	236	191	584
4 Week averages															
avg - current 4 weeks	—	—	—	—	2	—	—	12	4	8	13	144	374	172	717
avg - year ago 4 weeks	21	na	na	na	5	2	10	13	na	na	61	115	267	168	662
PADD 5 TOTAL	6	—	—	6	—	—	6	7	1	6	8	8	2	22	59
week ago	5	—	—	5	—	—	10	2	—	2	9	17	1	7	51
4 Week averages															
avg - current 4 weeks	7	—	—	7	—	—	7	5	2	3	19	10	1	11	60
avg - year ago 4 weeks	2	na	na	na	—	—	3	4	na	na	24	5	4	11	53
U.S. TOTAL	223	—	—	223	5	26	71	306	55	251	268	171	625	300	1,995
week ago	163	—	—	163	21	—	103	81	20	61	350	185	302	278	1,483
4 Week averages															
avg - current 4 weeks	193	—	—	193	10	11	81	166	37	129	355	192	514	236	1,758
avg - year ago 4 weeks	194	na	na	na	19	5	88	209	na	na	437	152	392	246	1,742

See Definitional Notes on Page 6.

DEFINITIONAL NOTES FOR API'S WEEKLY STATISTICAL BULLETIN

GENERAL NOTES

Data published in the *Weekly Statistical Bulletin* are estimates made by API's Finance, Accounting and Statistics Department, based on data collected from reporting companies.

Data are for the week ended 7 a.m. Friday. For purposes of monthly aggregation of imports and refinery activities, and for monthly interpolation of inventories, the API treats 7 a.m. Friday as midnight Thursday.

The Bulletin classifies U.S. territories (i.e. Puerto Rico, Virgin Islands, Guam etc.) as foreign entities.

Definitions used by the API throughout the *Weekly Statistical Bulletin* are the same as those used by the Energy Information Administration of the Department of Energy in their *Petroleum Supply Monthly* and *Petroleum Supply Annual* publications.

Data for the corresponding week of the last year are from the published *Bulletin* for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE/EIA's *Petroleum Supply Annual*.

NOTES ON INVENTORIES

Inventory figures published in this report are those held in primary storage (i.e., at refineries, bulk terminals and in pipelines). They represent API estimates of inventories available for current shipment as well as those not available, such as stocks held in tank bottoms, pipeline fill, and in other equipment to assure continuous operations.

Stocks of oxygenated, reformulated, and other gasoline represent *finished* motor gasoline located at refineries, bulk terminals and pipelines. Motor gasoline blending components (i.e. straight run gasolines, alkylate, and reformate) are categorized separately, but are included in the total motor gasoline stock figure. Stocks of unblended oxygenates (such as MTBE and ethanol) are not included in this report. Oxygenates are reflected in the API numbers only to the extent they have been blended into finished product. The API publishes a separate weekly report on production and inventories of oxygenates on Thursdays.

NOTE ON CRUDE OIL PRODUCTION

Estimates of monthly crude oil production (including lease condensate production) are made by API the first week of the month. These estimates are generally held constant throughout the month, but may be revised at a subsequent date as more current information is received.

NOTE ON IMPORTS

Imports of crude oil and refined products include crude produced and product refined outside the 50 states and the District of Columbia. Shipments from U.S. territories such as the Virgin Islands and Puerto Rico are considered imports. Also, API classifies all withdrawals from bonded storage as imports. Geographical detail is based on port of entry basis, and timing is considered to be the time a shipment clears customs.

NOTE ON CRUDE STOCKS

Crude oil stocks include stocks on leases, but do not include stocks held in the Strategic Petroleum Reserve.

NOTE ON CRUDE SUPPLY BALANCE

The Crude Supply Balance is the arithmetic difference (in MB/D) between those factors that make up crude supply (i.e. domestic production plus imports plus stock draws) and those that make up crude demand (i.e. crude runs plus exports plus crude used directly plus crude losses). A negative volume, for example, indicates a supply greater than disposition, while a positive volume indicates the opposite.

NOTES ON GEOGRAPHICAL DETAIL

Petroleum Administration for Defense (PAD) districts provide the most oft-cited basis for regional supply and disposition statistics. Generally speaking, District 1 includes the East Coast states, District 2 the Midwest, District 3 the Gulf Coast (including Texas and New Mexico), District 4 the Rocky Mountain states, and District 5 the West Coast (including Alaska and Hawaii). More specific information on which states are included in which PAD districts is available from DOE or API.

API publishes refinery inputs and production data at a sub-PAD level for Districts 1, 2, and 3. The composition of these sub-Districts are easily determined by their titles. For product inventories and imports, API publishes data at a sub-PAD level for District 1 (which is different from the District 1 breakdown provided for refinery activities). For the purposes of inventories and imports, District 1 is dissected into the following three areas:

- | | | |
|----|------------------|----------------------------|
| 1) | New England | ME, NH, VT, MA, RI, and CT |
| 2) | Central Atlantic | NY, NJ, PA, DE, MD, and DC |
| 3) | Lower Atlantic | VA, WV, NC, SC, GA, and FL |